

PROJECT DESCRIPTION

I. GENERAL

THIS PROJECT INVOLVES THE INSTALLATION OF A PUSHBUTTON ACTUATED PEDESTRIAN MOVEMENT TO CROSS THE SOUTH LEG OF MD 253 (MAYO ROAD) AT WASHINGTON ROAD/MILLHAVEN DRIVE IN ANNE ARUNDEL COUNTY. MD 253 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION.

II. INTERSECTION OPERATION

THE INTERSECTION SHALL CONTINUE THE FIVE-PHASE, FULL- TRAFFIC- ACTUATED OPERATION WITH A NORTHBOUND EXCLUSIVE/PERMISSIVE LEFT TURN PHASE AND SPLIT PHASE FOR THE SIDEROADS.

THE EXISTING BASE-MOUNTED CABINET SHALL BE UTILIZED. STREET LIGHTING AND STREET NAME SIGNS ARE EXISTING.

EQUIPMENT LIST "A"

A. NO EQUIPMENT SHALL BE SUPPLIED BY THE SHA.

EQUIPMENT LIST "B"

B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY THE CONTRACTOR:

ITEM NO.	QUANTITY	DESCRIPTION
1001	1 EA	MAINTENANCE OF TRAFFIC PER ASSIGNMENT.
2001	.5 CY	CLASS 2 EXCAVATION.
2002	1 CY	TEST PIT EXCAVATION.
5003	410 LF	12 IN. WHITE LEAD FREE REFLECTIVE THERMOPLASTIC PAVEMENT MARKINGS.
5004	75 LF	24 IN. WHITE LEAD FREE REFLECTIVE THERMOPLASTIC PAVEMENT MARKINGS.
5005	386 LF	REMOVAL OF EXISTING PERMANENT PAVEMENT LINE MARKINGS - ANY WIDTH.
6001	9 LF	DEPRESS TYPE 'A' CURB AND GUTTER
6003	40 SF	4' CONCRETE SIDEWALK.
8001	4 EA	12 IN. PEDESTRIAN SIGNAL HEAD.
8009	1 EA	10' PEDESTAL POLE WITH BREAKAWAY BASE.
8011	2 EA	PUSHBUTTON AND SIGN (SIGN TO READ "Pushbutton To Cross Mayo Road").
8021	1 CY	CONCRETE FOR SIGNAL FOUNDATION.
8023	210 LF	NO. 6 AWG STRANDED BARE COPPER GROUND WIRE.
8032	10 LF	3 IN. SCHEDULE 80 RIGID PVC CONDUIT - SLOTTED.
8050	1 LF	GROUND ROD - 3/4 IN. DIAMETER X 10 FT. LENGTH.
8056	340 LF	ELECTRICAL CABLE - 2 CONDUCTOR (NO. 14 AWG).
8057	350 LF	ELECTRICAL CABLE - 3 CONDUCTOR (NO. 14 AWG).

EQUIPMENT LIST "C"

C. ALL MATERIAL TO BE REMOVED SHALL BECOME THE PROPERTY OF THE CONTRACTOR.

PROJECT CONTACTS

CONTACT PERSONS FOR DISTRICT 5 ARE AS FOLLOWS:

MS. KIMBERLY TRAN  
ASSISTANT DISTRICT ENGINEER  
TRAFFIC - 410-841-1019

MR. MARK COBLENTZ  
ASSISTANT DISTRICT ENGINEER  
CONSTRUCTION - 410-841-1031

MR. CHUCK E. GEORGE  
ASSISTANT DISTRICT ENGINEER  
MAINTENANCE - 410-841-1013

MR. JOHN S. MAYS  
ASSISTANT DISTRICT ENGINEER  
UTILITIES - 410-841-1039

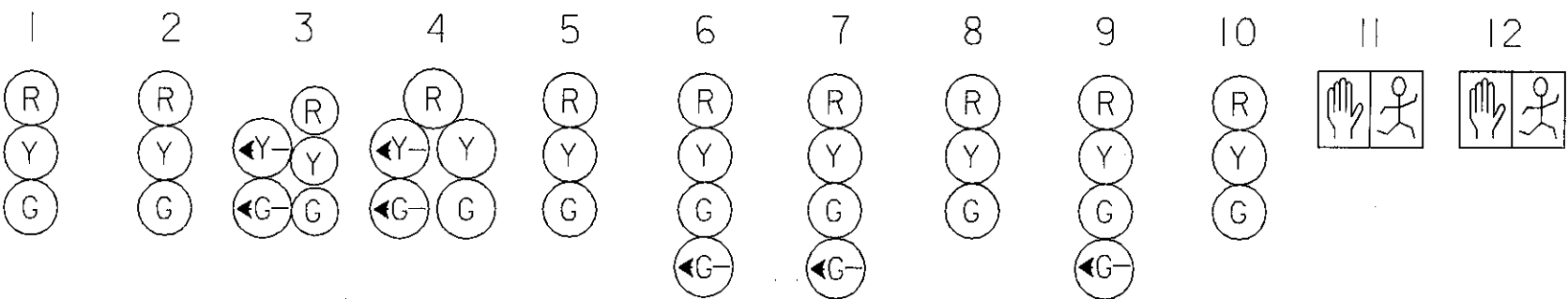
CONTACT PERSONS FOR OFFICE OF TRAFFIC AND SAFETY ARE AS FOLLOWS:

MR. ROBERT SNYDER  
ASSISTANT DIVISION CHIEF,  
TRAFFIC OPERATIONS DIVISION  
410-787-7631

MR. ED RODENHIZER  
TEAM LEADER - SIGNAL OPERATIONS  
410-787-7652

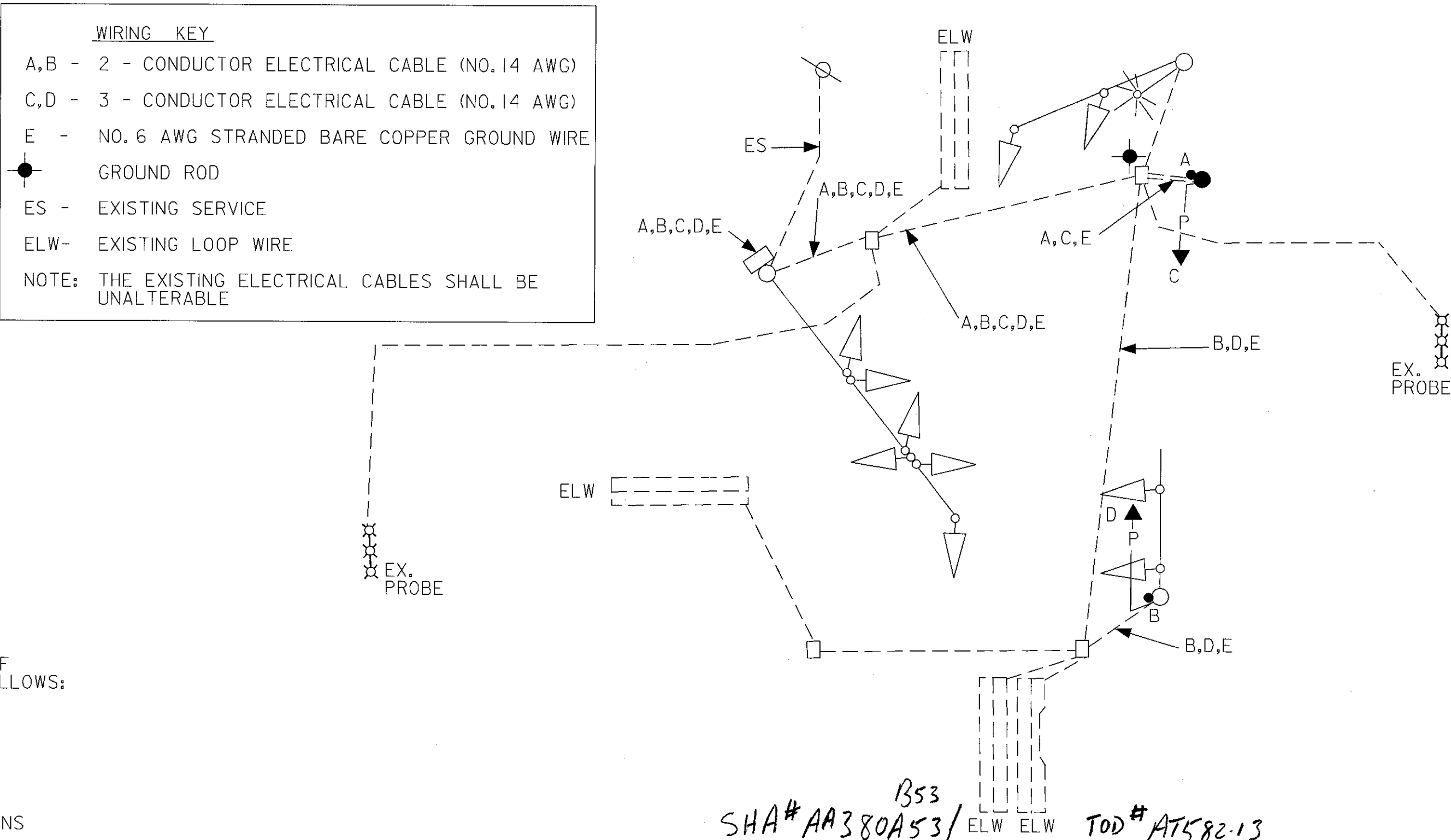
MS. BRIGIDA VAN DOORNIK  
PROJECT MANAGER, TEDD  
410-787-4037

PHASE CHART



PHASE 2 + 5	R	R	←G	←G	G	R	R	R	R	R	DW	DW	
2 + 5 CHANGE	R	R	←Y	←Y	G	R	R	R	R	R	DW	DW	
PHASE 2 + 6	G	G	G	G	G	R	R	R	R	R	DW	DW	
2 + 6 CHANGE	Y	Y	Y	Y	Y	R	R	R	R	R	DW	DW	
PHASE 3	R	R	R	R	R	←G	←G	G	R	R	DW	DW	
3 CHANGE	R	R	R	R	R	Y	Y	Y	R	R	DW	DW	
PHASE 3 ALT	R	R	R	R	R	←G	←G	G	R	R	FL/WK	FL/WK	
PED CLEARANCE	R	R	R	R	R	←G	←G	G	R	R	FL/DW	FL/DW	
CHANGE 3 ALT	R	R	R	R	R	Y	Y	Y	R	R	DW	DW	
PHASE 4	R	R	R	R	R	R	R	R	←G	G	DW	DW	
CHANGE 4	R	R	R	R	R	R	R	R	Y	Y	DW	DW	
FLASHING OPERATION	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/R	FL/R	FL/R	FL/R	FL/R	DARK	DARK	

WIRING DIAGRAM



**CENTURY ENGINEERING, INC.**  
CONSULTING ENGINEERS - PLANNERS  
32 WEST ROAD  
TOWSON, MARYLAND 21204

**RJM ENGINEERING, INC.**  
CONSULTING ENGINEERS  
COLUMBIA, MARYLAND

SHA# <sup>1353</sup>AA380A53/ ELW ELW TOD# AT582.13

**MARYLAND DOT - STATE HIGHWAY ADMINISTRATION**  
Office of Traffic & Safety  
**TRAFFIC ENGINEERING DESIGN DIVISION**  
GENERAL INFORMATION SHEET  
MD 253 AND WASHINGTON RD/ MILLHAVEN DR

DRAWN BY: DS	F.A.P. NO. 3477 D	TS NO. 3477 D
CHECKED BY: EMM + TH	S.H.A. NO. N/A	SHEET NO. 2 OF 2
SCALE: N/A	COUNTY: ANNE ARUNDEL	
DATE: 10/12/2004	LOG MILE: 02025301.07	